



FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2598-4000US4	SERIAL NO. 10/681,669
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			
		APPLICANT(S) ARTHUR J. BLUME	
		FILING DATE October 7, 2003	GROUP ART UNIT 1627

US PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PT		4,593,002	6/03/86	Dulbecco			
		4,797,363	1/10/89	Teodorescu et al.			
		4,818,684	4/4/89	Edelman et al.			
		4,859,609	8/22/89	Dull et al.			
		4,946,778	8/7/90	Ladner et al.			
		4,962,277	10/9/90	Cuervo et al.			
		4,963,263	10/16/90	Kauvar			
		5,030,576	7/9/91	Dull et al.			
		5,133,866	7/28/92	Kauvar			
		5,144,010	9/1/92	Erlanger et al.			
		5,217,869	6/8/93	Kauvar			
		5,230,998	1/27/93	Neurath et al.			
		5,264,563	11-23-93	Huse			
		5,300,425	4/5/94	Kauvar			
		5,403,484	4/4/95	Ladner et al.			
		5,418,135	3/23/95	Pang			
		5,427,908	6/27/95	Power et al.			
		5,488,099	1/30/96	Personn et al.			
		5,871,974	2/16/99	Huse			
		6,010,861	1/2000	Blume			
		6,027,933	2/22/00	Huse			
		5,698,426	12/16/97	Huse			
		5,955,358	9/21/99	Huse			
		5,780,426	7/14/98	Palladino et al.			
		5,767,071	6/16/98	Palladino et al.			
		6,057,287	5/2/00	Markland et al.			
		5,795,865	8/18/98	Markland et al.			
		5,994,125	11/30/99	Markland et al.			
		6,010,880	1/4/00	Markland et al.			
		6,103,499	8/15/00	Markland et al.			
		6,071,723	6/6/00	Markland et al.			
		5,663,143	9/2/97	Ley et al.			
		6,084,062	7/4/00	MacLennan et al.			
		6,248,516 B1	6/19/01	Winter et al.			
		5,885,793	3/23/99	Griffiths et al.			
		5,270,170	12/14/93	Schatz et al.			
		5,322,699	06/21/94	Wright et al.			



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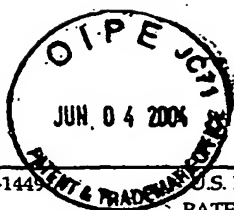
US PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PT		5,576,423	11/19/96	Aversa et al.			
		5,591,831	01/07/97	Feldman et al.			
		5,597,920	01/28/97	Shaw et al.			
		5,602,024	02/11/97	Gerald et al.			
		5,605,911	02/25/97	Olney et al.			
		6,387,879	5/14/02	Blume et al.			
		5,663,143	09/02/97	Ladner et al.			
		5,681,726	10/28/97	Huse et al.			
		5,698,426	12/16/97	Huse			
		5,770,434	06/23/98	Huse			
		5,862,514	01/19/99	Huse et al.			
		5,871,974	02/16/99	Huse			
		5,955,358	09/21/99	Huse			
		6,027,933	02/22/00	Huse			
		4,946,778	8/7/90	Ladner et al.			
		5,096,815	3/17/92	Ladner et al.			
		5,198,346	3/30/93	Ladner et al.			
		5,223,409	6/29/93	Ladner et al.			
		5,260,203	11/9/93	Ladner et al.			
		5,264,563	11/23/93	Huse			
		5,403,484	4/4/95	Ladner et al.			
		5,455,030	10/3/95	Ladner et al.			
		5,518,889	5/21/96	Ladner et al.			
		5,523,388	6/4/96	Huse			
		5,534,621	7/9/96	Ladner et al.			
		5,571,698	11/5/96	Ladner et al.			
		5,723,323	3/3/98	Kauffman et al.			
		5,763,192	6/9/98	Kauffman et al.			
		5,808,022	9/15/98	Huse			
		5,814,476	9/29/98	Kauffman et al.			
		5,817,483	10/6/98	Kauffman et al.			
		5,824,514	10/20/98	Kauffman et al.			
		5,837,500	11/17/98	Ladner et al.			
		5,866,363	2/2/99	Pieczenik			
		5,976,862	11/2/99	Kauffman et al.			

/Parithosh Tungaturthi/ (05/30/2006)



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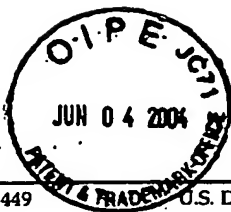
FOREIGN PATENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
PT		0239400	30-09-87	EPO				
		0328404	16-08-89	EPO				
		0338745	25-10-89	EPO				
		0368684	16-05-90	EPO				
		0523949	20-01-93	EPO				
		0528469	24-02-93	EPO				
		WO 88/07089	22-09-88	PCT				
		WO 89/03430	20-04-89	PCT				
		WO 89/09233	05-10-89	PCT				
		WO 90/02809	22-03-90	PCT				
		WO 91/10907	25-07-91	PCT				
		WO 91/19739	26-12-91	PCT				
		WO 91/19818	26-12-91	PCT				
		WO 91/17271	14-11-91	PCT				
		WO 92/01047	23-01-92	PCT				
		WO 92/01787	06-02-92	PCT				
		WO 92/06176	16-04-92	PCT				
		WO 92/06204	16-04-92	PCT				
		WO 92/11272	09-07-92	PCT				
		WO 92/20791	26-11-92	PCT				
		WO 94/12215	09-06-94	PCT				
		WO-94/18219	18-08-94	PCT				
		WO 86/05803	9/10/86	PCT				
		WO 94/18221	8/18/94	PCT				
		WO 94/18220	8/18/94	PCT				
		WO 94/18219	8/18/94	PCT				
		WO 01/72771	4/10/01	PCT				
		0229046	4/05/94	EPO				
		98/19162	7/5/98	WIPO				
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PT		F. Breiting, et al., "A Surface Expression Vector For Antibody Screening", Gene, 104, 147-153, 1991.						
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PT		G. Winter, et al., "Making Antibodies By Phage Display Technology", Annu. Rev. Immunol., 12:433-55, 1994.						
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PT		Repertoires", The Embo Journal, No. 14, 13:3245-3260, 1994.
		M. Figini, et al., <i>In Vitro</i> Assembly Of Repertoires Of Antibody Chains On The Surface Of Phage By Renaturation", J. Mol. Biol., 239:68-78, 1994.
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		Lei Jin, et al., "Structure From Function: Screening Structural Models With Functional Data", Proc. Natl. Acad. Sci. USA, 91:113-117, Biochemistry, 1994.
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		George P. Smith, "Surface presentation of protein epitopes using bacteriophage expression systems," Current Opinion in Biotechnology, 2:668-673, 1991.



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PT		Wells et al, "Rapid evolution of peptide and protein binding properties <i>in vitro</i> ," Current Opinion in Biotechnology, 3:355-362, 1992.
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		George P. Smith, "Surface presentation of protein epitopes using bacteriophage expression systems," Current Opinion in Biotechnology 1991, 2:668-673
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		Oldenburg, Kevin R., et al., "Peptide Ligands For A Sugar-Binding Protein Isolated From A Random Peptide Library," Proc. Natl. Acad. Sci. USA, Vol. 89, pp. 5393-5397, June 1992

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PT			Scott, Jamie K., et al., "A Family Of Concanavalin A-Binding Peptides From A Hexapeptide Epitope Library," Proc. Natl. Acad. Sci. USA, Vol. 89, pp. 5398-5402, June 1992.
			Smith, George P., "Surface Presentation Of Protein Epitopes using Bacteriophage Expression Systems," Biotechnology 1991, 2:668-673.
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			Renschler et al (PNAS., Vol. 91, pp 3623-3627, April 1994)
			Richard Gaughan in BioMedNet., pages 1-2. 24, October 2002.
EXAMINER /Parithosh Tungaturthi/ (05/30/2006)			DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

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